

ORFOM[®] SX 12 Solvent Extraction Diluent

ORFOM[®] SX 12 is a petroleum distillate that has been specially treated to reduce phase break times. It is a superior diluent for use in the solvent extraction of metals. ORFOM[®] SX 12 diluent has a high flash point and shows excellent phase disengagement properties, as well as rapid extraction kinetics. ORFOM[®] SX 12 is manufactured to close specifications to ensure product consistency. Our quality assurance program and dedicated storage assure consistent performance.

APPLICATION:	ORFOM [®] SX 12 diluent is a high-performance diluent for commercial solvent extraction processes.
BENEFITS:	ORFOM [®] SX 12 diluent is an excellent replacement for all other commonly used commercial diluents. It is especially effective in high temperature circuits.
AVAILABILITY:	ORFOM [®] SX 12 diluent is currently available in drum, tank truck, and tank car quantities.
MATERIAL HANDLING:	Refer to the Material Safety Data Sheet for complete safety and health information.

Typical Composition (1)	Value
Density (kg/l) at 60 °F (15.6 °C)	0.82
Pounds per Gallon	6.81
Flash Point	
Minimum PMCC (ASTM D56), °F (°C)	210 (99)
Typical PMCC (ASTM D56), °F (°C)	158 (70)
Composition, Typical Volume %	
Paraffins (Iso and normal paraffins)	52
Alkyl aromatics	27
Naphthenes (Cycloparaffins)	21
Naphthalene	< 0.3
Color, Saybolt	> +30
Distillation, (ASTM D86), °F (°C)	
10%	410 (210)
50%, midpoint	445 (229)
90%	503 (262)
Pour Point (ASTM D97), °F (°C)	-40 (-40)
Reid Vapor Pressure, psia @ 80 °F (27 °C)	< 0.01
Reid Vapor Pressure, psia @ 100 °F (38 °C)	0.01

(1) Not tested for or reported for individual lots. For informational purposes only.